

ASTD/TDI Project Static Report

High Explosives Composting Technology Deployment (Pantex Plant)

Focus Area:	Subsurface Contaminants Focus Area	Focus Area Manager: Carl Lanigan, (803) 725-0404
TTP No.:	AL59SS12	Principal Investigator: Jay Childress, (806) 477-6690
Lead Site:	Albuquerque - Pantex	
Project No.:	99-ASTD-18	Technology Vendor(s)/Commercial Partner(s):
Tech ID/TMS No.:	N/A	None identified at this time
Related Publication(s):	None	

Web Page(s):

Description: The treatment process (which as been demonstrated at the Pantex Plant) begins with chemical treatment and transformation of soluble forms of barium into insoluble barium sulfate. This is accomplished while preparing the soil for composting. The soil is then placed in wind rows within each of four lined cells for composting. The system is designed for a 10-day load and unload cycle (to dispose of the compost and re-load the cell).

Application: Sites where soil is contaminated with high explosives (HE) and barium.

Location(s): Pantex

Technology(ies):

Composting/Bioremediation

	Funding (\$K):	<u>FY-98</u>	<u>FY-99</u>	<u>FY-00</u>	<u>FY-01</u>	<u>Total</u>
TTP No.:	AL59SS12	\$0	\$167	\$167	\$0	\$334
Leverage Source:	EM-40					\$333
						\$667
				Funding Total (\$K):		\$667

Cost Savings (\$M):	<u>Proposal</u>	<u>Deployment Plan/TTP</u>	<u>Current Focus Area Projection</u>
	Pending	Pending	\$891